

Title (en)

A varying-track wheel with a dowel-pin centring system

Title (de)

Rad für Spurbreitenveränderung mit Zentriervorrichtung mittels Dübeln

Title (fr)

Roue pour voie à écartement variable avec système de centrage à chevilles

Publication

EP 1186442 A3 20031001 (EN)

Application

EP 01203025 A 20010809

Priority

IT MI20000499 U 20000906

Abstract (en)

[origin: EP1186442A2] A varying-track wheel comprises a rim (11) with fastening elements (12) projecting towards the rotation axis of the wheel and a disc (14) peripherally secured in a removable manner to said fastening elements by means of bolts (15). The wheel comprises at least two devices (16) for a precise mutual positioning of the disc and rim. Each of such devices is operatively disposed close to one of said fastening elements (12) and in turn comprises a tubular seat (17) on the fastening element (12) to removably receive one end of a dowel pin (18) the other end of which projects towards the disc to be fitted into a centring hole (19) formed in the periphery of the disc itself. <IMAGE>

IPC 1-7

B60B 3/04; B60B 23/12

IPC 8 full level

B60B 3/14 (2006.01); **B60B 23/12** (2006.01)

CPC (source: EP)

B60B 3/002 (2013.01); **B60B 23/10** (2013.01); **B60B 23/12** (2013.01); **B60B 35/1009** (2013.01); **B60B 35/1081** (2013.01)

Citation (search report)

- [A] WO 0012328 A1 20000309 - TITAN EUROP LIMITED [GB], et al
- [A] US 4883324 A 19891128 - FUCHS WILLI [DE], et al
- [A] US 5067776 A 19911126 - ADERER PETER [DE]
- [A] EP 0664227 A1 19950726 - GKN SANKEY LTD [GB]

Cited by

US9701158B2; FR3078504A1; GB2431141B; US10259261B2; EP2607097A1; US2014368025A1; CN104203596A; US10464372B2; US8991938B2; EP2106927A1; RU2612224C1; WO2013093703A1; WO2009122135A1; US10717322B2; US9662935B2; US10105987B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1186442 A2 20020313; EP 1186442 A3 20031001; EP 1186442 B1 20050504; DE 60110512 D1 20050609; DE 60110512 T2 20050922; IT 250370 Y1 20030910; IT MI20000499 U1 20020306; IT MI20000499 V0 20000906

DOCDB simple family (application)

EP 01203025 A 20010809; DE 60110512 T 20010809; IT MI20000499 U 20000906